

Title (en)
Rubber composition and tire comprising thereof

Title (de)
Kautschukmischung und Reifen

Title (fr)
Composition de caoutchouc pour pneumatiques

Publication
EP 1777260 A1 20070425 (DE)

Application
EP 06120611 A 20060914

Priority
DE 102005050764 A 20051022

Abstract (en)
Sulfur-vulcanizable rubber blend, especially for tire treads, contains diene rubber(s), carbon black and/or silica, 0.3-2 phr (parts per 100 parts of rubber by weight) of zinc oxide and 0.5-6 phr process aids, comprising sodium and/or potassium soaps and mono- and/or di-glycerol esters of saturated and/or unsaturated 10-28 carbon carboxylic acids, in which the weight ratio of soaps to esters is 0.1-10, preferably 2-4. An independent claim is included for tires with treads consisting, at least partly, of this blend in sulfur-vulcanized form.

IPC 8 full level
C08K 13/02 (2006.01)

CPC (source: EP)
C08K 3/22 (2013.01); **C08K 5/098** (2013.01); **C08K 5/103** (2013.01); **C08L 7/00** (2013.01); **C08L 9/00** (2013.01); **C08L 9/06** (2013.01)

Citation (search report)
[A] DE 19834802 A1 20000203 - CONTINENTAL AG [DE]

Cited by
EP4223555A1; DE102011053695A1; DE102011053697A1; DE102008008105A1; DE102011053696A1; EP2088169A1; WO2022207728A1; EP2088169B1

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AL BA HR MK YU

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EP 1777260 A1 20070425; EP 1777260 B1 20090422; AT E429463 T1 20090515; DE 102005050764 A1 20070426; DE 502006003527 D1 20090604

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